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Abbreviations of Publications Reviewed

THE following list gives the abbreviations with full titles of the references for articles reviewed in APPLIED MECHANICS REVIEWS. Other information has been included where it has been thought necessary to readily identify the reference. Some titles which have been discontinued or are no longer received have been omitted, but these will be found, generally, in the lists in AMR 1, pp. 202–208; 339–341.

A

Abh. Bayer. Akad. Wiss. Math. Nat. Kl. (N. F.)—Abhandlungen der Bayerischen Akademie der Wissenschaften, Mathematisch-naturwissenschaftliche Klasse, München.

Abh. Bodenmech. Grundbau—Abhandlungen über Bodenmechanik und Grundbau.

Abh. dtsch. Akad. Wiss. Berlin, Math.-naturw. Kl.—Abhandlungen der deutschen Akademie der Wissenschaften zu Berlin, Mathematischnaturwissenschaftliche Klasse.

Acad. roy. Belgique, Bull. Cl. Sci.—Académie Royale de Belgique Bulletin de la Classe des Sciences.

Acad. tchèque Sci.—Czechoslovakian Academy of Science.

Accad. naz. Lincei R. C. Cl. Sci. Fis. Mat. Nat.—see *Atti Accad. naz. Lincei R. C. Cl. Sci. Fis. Mat. Nat.*

Acta math.—Acta mathematica, Copenhagen.

Acta math. Acad. Sci. Hung.—Acta Mathematica Academiae Scientiarum Hungaricae (formerly Hungaria Acta Mathematica), Budapest.

Acta Phys., Austr.—Acta Physica, Austriaca.

Acta Polyt.—Acta Polytechnica, Stockholm.

Admiralty Ship Weld. Counc. Lond., Rep.—Admiralty Ship Welding Council, London, Report.

Advances appl. Mech.—Advances in Applied Mechanics. Academic Press, Inc., New York.

Aero. Engng. Rev.—Aeronautical Engineering Review, New York.

Aero. Quart.—Aeronautical Quarterly, London.

Aero. Res. consult. Comm. aero. Res. Lab. Melbourne, Austral.—Aeronautical Research Consultative Committee, Aeronautical Research Laboratory, Melbourne, Australia, Report.

Aero. Res. consult. Comm. Australia Rep.—see *Aero. Res. consult. Comm. aero. Res. Lab. Melbourne, Austral.*

Aero. Res. Counc. Lond. curr. Pap.—Aeronautical Research Council, London, Current Papers.

Aero. Res. Counc. Lond. Rep. Mem.—Aeronautical Research Council, London, Report Memorandum.

Aero. Res. Inst. Sweden—Aeronautical Research Institute of Sweden.

Aero. Res. Rep. Counc. sci. industr. Res. Austral.—see *Counc. sci. indus. Res., Div. Aero. Rep.*

Aero. Res. tech. Notes—Aeronautical Research Technical Notes, Cambridge, England.

Aerotecnica—L'Aerotecnica, Roma.

AF tech. Rep.—Air Force Technical Reports, Air Materiel Command, Wright-Patterson Air Force Base, Dayton, Ohio.

AF tech. Rep. Transl.—Air Force Technical Reports, Translation, Dayton, Ohio.

Aircr. Engng.—Aircraft Engineering, London.

Air Mat. Comm., Dayton, tech. Rep.—see *AF tech. Rep.*

Air. tech. Index—see *CADO tech. Data Dig.*

Akad. Nauk SSSR Trudí Sem. Teorii Mash. Mekh.—Akademiya Nauk SSSR. Trudí Seminara po Teorii Mashin i Mekhanizmov.

Amer. J. Math.—American Journal of Mathematics, Baltimore.

Amer. math. Monthly—American Mathematical Monthly.

Amer. math. Soc. Trans.—see *Trans. Amer. math. Soc.*

Amer. math. Soc. Transl.—American Mathematical Society Translation.

Amer. Rly. Engng. Assn.—see *Bull. Amer. Rly. Engng. Assn.*

Amer. Soc. Test. Mat. Bull.—see *ASTM Bull.*

Anais Acad. Brasil. Cienc.—Anais da Academia Brasileira de Ciencias, Rio de Janeiro.

Ann. Inst. Fourier Univ. Grenoble.—Annales de l'Institut Fourier, Université de Grenoble.

Ann. Inst. tech. Bât. Trav. publics—Institut Technique du Bâtiment et des Travaux Publics Publications, published since January, 1948, as Annales de l'Institut Technique du Bâtiment et des Travaux Publics, Paris.

Ann. Mat. pura appl.—Annali di Matematica pura ed applicata, Bologna.

Ann. Math. Princeton—Annals of Mathematics, Princeton University.

Ann. math. Statist.—Annals of Mathematical Statistics, Ann Arbor, Mich.

Ann. Meteor.—Annalen der Meteorologie.

Ann. N. Y. Acad. Sci.—Annals of the New York Academy of Sciences.

Ann. Phys., Leipzig—Annalen der Physik.

Ann. Ponts Chauss.—Annales des Ponts et Chaussées.

Ann. Scu. norm. sup. Pisa—Annali della Scuola Normale Superiore, Scienze, Fisiche e Matematiche, Pisa.

Ann. Trav. publics Belg.—Annales des Travaux Publics de Belgique.

Anz. Öst. Akad. Wiss. math.-nat. Kl.—see *Öst. Akad. Wiss. mat.-nat. Kl. Anz.*

Appl. sci. Res. (A).—Applied Scientific Research, Section A, Mechanics, Heat, The Hague.

Appl. sci. Res. (B).—Applied Scientific Research, Section B, Electrophysics, Acoustics, Optics, The Hague.

Arch. Eisenhüttenw.—Archiv für das Eisenhüttenwesen, Düsseldorf.

Arch. elekt. Übertr.—Archiv der Elektrischen Übertragung, Wiesbaden.

Arch. Elektrotech.—Archiv für Elektrotechnik, Berlin.

Arch. Math.—Archiv der Mathematik, Berlin.

Arch. Mech. stos.—Archivum Mechaniki Stosowanej.

Arch. tech. Messen—see *ATM.*

Architect. Record—Architectural Record.

ASTM Bull.—American Society for Testing Materials Bulletin.

ASTM Spec. Publ.—American Society for Testing Materials Special Publication.

ATI—see CADO tech. Data Dig.

ATI tech. Data Dig.—see *CADO tech. Data Dig.*

ATM—Archiv für technisches Messen, München.

Atti Accad. naz. Lincei R. C. Sci. Fis. Mat. Nat.—Atti della Accademia Nazionale dei Lincei, Rendiconti, Classe di Scienze Fisiche, Matematiche e Naturali.

Atti Accad. Sci. Torino—Atti dell' Accademia delle Scienze, Torino.

Atti Ist. Sci. Costr. Univ. Pisa—Atti Istituto di Scienza della Costruzioni, Università di Pisa.

Atti Ist. Veneto Sci.—Atti del reale Istituto Veneto di Scienze, Lettere, ed Arti, Venezia.

Atti Semin. Mat. Fis. Univ. Modena—Atti del Seminario Matematico e Fisico dell' Università di Modena.

Austral. Counc. Aero. Rep.—Australian Council for Aeronautics Reports, Melbourne.

Austral. J. appl. Sci.—Australian Journal of Applied Science, Melbourne.

Austral. J. sci. Res. (A)—Australian Journal of Scientific Research, Series A, Victoria.

Auto. Engr.—Automobile Engineer, London.

Avtomatika i Telemekhanika—Avtomatika i Telemekhanika.

B

Bâtim. Trav. publics—see *Ann. Inst. tech. Bât. Trav. publics.*

Bauingenieur—Bauingenieur.

Bautechnik—Die Bautechnik, Berlin.

Bell Syst. tech. J.—Bell System Technical Journal, New York.

Ber. Verh. sächs. Akad. Wiss. Lpzg.—Berichte über die Verhandlungen der Sächsischen Akademie der Wissenschaften zu Leipzig, Mathematisch-Physiche Klasse.

Bol. Acad. Cienc. Fis. Mat. Nat.—Boletin de la Academia de Ciencias Físicas, Matematicás y Naturales, Caracas, Venezuela.

Bol. Assoc. Brasil, Metais—Associacão Brasileira de Metais, Boletin, São Paulo.

Boll. Un. mat. ital.—Bollettino dell' Unione Matematica Italiana, Bologna.

Brennstoff-Wärme-Kraft—Brennstoff-Wärme-Kraft, Zeitschrift für Energiewirtschaft.

Brit. J. appl. Phys.—British Journal of Applied Physics.

Brit. J. appl. Phys. Suppl.—British Journal of Applied Physics, Supplement.

Brit. Shipbuild. Res. Assn.—British Shipbuilders Research Association.

Brown Boveri Rev.—Brown Boveri Review, Baden, Switzerland.

Brown Univ. Rep.—see *Grad. Div. appl. Math. Brown Univ.*

Bull. Acad. Sci. USSR (Ser. tech. Sci.)—see *Izv. Akad. Nauk SSSR Ser. tekh. Nauk.*

Bull. Acad. Serbe Sci.—Bulletin Académie Serbe des Sciences.

Bull. agric. mech. Coll. Texas.—Bulletin of the Texas Agricultural and Mechanical College.

Bull. Amer. ceram. Soc.—Bulletin of the American Ceramic Society.

Bull. Amer. math. Soc.—Bulletin of the American Mathematical Society.

Bull. Amer. meteor. Soc.—Bulletin of the American Meteorological Society.

Bull. Amer. Rly. Engng. Assn.—Bulletin of the American Railway Engineering Association.
Bull. Assn. suisse Elect.—Bulletin de l'Association Suisse des Electriciens.
Bull. Assn. tech. marit. aéro.—Bulletin de l'Association Technique Maritime et Aéronautique.
Bull. Calcutta math. Soc.—Bulletin of the Calcutta Mathematical Society.
Bull. Centre Étud. Constr. génie civ. Hyd. Fluviale—Bulletin du Centre d'Étude de Recherches et d'Essais Scientifiques des Constructions du Génie Civil et d'Hydraulique Fluviale.
Bull. Earthq. Res. Inst., Tokyo Univ.—Bulletin of the Earthquake Research Institute, Tokyo Imperial University.
Bull. math. Biophys.—Bulletin of Mathematical Biophysics.
Bull. math. Soc. Roum. Sci.—Bulletin Mathématique de la Société Roumaine des Sciences.
Bull. nat. Res. Counc., Wash.—Bulletin of the National Research Council, Washington, D. C.
Bull. seism. Soc. Amer.—Bulletin of the Seismological Society of America, Fordham University.
Bull. Serv. tech. aéro.—Bulletin de Service Technique de l'Aéronautique, Rhode-St. Genèse.
Bull. Soc. Ing. civ. Fr.—Bulletin de la Société des Ingénieurs Civils, Paris.
Bull. Soc. math. Grèce—Bulletin de la Société Mathématique de Grèce.
Bull. Soc. Math. Phys. Rep. Pop. Macéd.—Drushtvo na Matematichrite i Fizichartie od Narodna Republika Makedonia, Bilten (Bulletin de la Société des Mathématiciens et des Physiciens de la Republique Populaire de Macédoine).
Bull. Soc. roy. Sci. Liége—Bulletin de la Société Royale des Sciences de Liége.
Bull. tech. Suisse Rom.—Bulletin Technique de la Suisse Romande.
Bull. tech. Univ. Istanbul—Bulletin of the Technical University, Istanbul.
Bull. tech. Vevey—Bulletin Technique, Vevey, Switzerland.
Bull. Univ. Wash. Engng. Exp. Sta. Seattle—see *Univ. Wash. Engng. Exp. Sta. Seattle, Wash.*
Bygnstat. Medd.—Bygningsstatiske Meddelelser, Copenhagen.

C

C. R. Acad. Bulgare Sci. Math. Nat.—Comptes rendus de l'Académie Bulgare des Sciences (Mathématiques et Naturelles).
C. R. Acad. Sci. Paris.—Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences.
CADO tech. Data Dig.—Central Air Documents Office, Technical Data Digest, Dayton, Ohio.
Cal. Inst. Technol. Guggenheim Aero. Lab.—California Institute of Technology, Guggenheim Aeronautical Laboratory.
Canad. J. Math.—Canadian Journal of Mathematics.
Canad. J. Phys.—Canadian Journal of Physics. (Formerly *Canad. J. Res. Sec. A.*)
Canad. J. Technol.—Canadian Journal of Technology. (Formerly *Canad. J. Res. Sec. F.*)
Centen. Proc. roy. meteor. Soc.—Centenary Proceedings of the Royal Meteorological Society, London.
Centre belge Rech. nav.—Belgian Center for Naval Research (Centre Belge de Recherches Navales).
Ceske Vysoke Ucени tech. v Praze—Ceske Vysoke Učeni Technicke v Praze.
Chem. Ing. tech. Weinheim—see *Chemie-Ing.-Technik.*
Chem. tech. Chem.-Ing. Wes.—see *Chemie-Ing.-Technik.*
Chemie-Ing.-Technik—Chemie-Ingenieur-Technik, Zeitschrift für alle Gebiete der chemischen Technik und des Chemie-Ingenieurwesens.
Chin. J. Phys.—Chinese Journal of Physics.
Cienc. y Técn.—Ciencia y Técnica, Revista del Centro Estudiantes de Ingenieria, Buenos Aires.
Ciencia Técn.—see *Cienc. y Técn.*
Civ. Engng. Lond.—Civil Engineering and Public Works Review, London.
Civ. Engng., N. Y.—Civil Engineering, New York.
Coll. Aero. Cranfield Rep.—The College of Aeronautics Reports, Cranfield, England.
Colloques inter. Centre nat. Rech. sci.—Colloques Internationaux du Centre National de la Recherche Scientifique.
Comm. Fac. Sci. Univ. Ankara—Communications of the Faculty of Sciences of the University of Ankara.
Comm. pure appl. Math.—Communications on Pure and Applied Mathematics, London.
Comment. math. helvet.—Commentarii Mathematici Helvetici, Zürich.
Concr. constr. Engng.—Concrete and Constructional Engineering, London.
Cons. naz. Ricer.—Consiglio Nazionale delle Richerche, Roma.
Con. Super. Invest. Cienc. Inst. tecn. Constr. cem. Madrid—see *Inst. tecn. Constr. Cem. Madrid.*
Contr. Theory nonlinear Oscill.—Contributions to the Theory of Nonlinear Oscillations.
Cornell aero. Lab. Rep.—Cornell Aeronautical Laboratory Report, Cornell University.
Cornell Univ. Engng. Exp. Sta. Bull.—Cornell University Engineering Experiment Station Bulletin, Ithaca, N. Y.
Counc. sci. indust. Res. Div. Aero. Rep.—Council for Scientific and Industrial Research, Division of Aeronautics Reports, Melbourne.
Curr. Pap. aero. Res. Counc. London—see *Aero. Res. Counc. Lond. curr. Pap.*

D

Dansk selsk Bygningsst.—see *Bygnstat. Medd.*
David W. Taylor Mod. Basin Rep.—Reports of the David W. Taylor Model Basin, U. S. Navy, Washington, D. C.
David W. Taylor Mod. Basin Transl.—Translation of the David W. Taylor Model Basin, U. S. Navy, Washington, D. C.
Disc. Faraday Soc.—Discussions of the Faraday Society, Edinburgh.
Div. Engng. Mech. Stanf. Univ.—see *Stanford Res. tech. Rep.*
Dock Harb. Author.—Dock Harbor Authority, London.
Dokladi Akad. Nauk SSSR (N.S.)—Dokladí Akademii Nauk SSSR, Novaya Seriya.
Douglas Aircr. Co. Rep.—Douglas Aircraft Company Report, Santa Monica, Calif.
Dtsch. Aussch. Stahlbet.—Deutscher Ausschuss für Stahlbeton.
Dtsch. Zimmermeister—Deutscher Zimmermeister.
Duke math. J.—Duke Mathematical Journal, Durham, N. C.

E

Earthq. Notes eastern Sec. seism. Soc. Amer.—Earthquake Notes, Eastern Section, Seismological Society of America, Washington, D. C.
Eidgenöss. MatPrüfAnst. Ber.—Eidgenössische Materialprüfungs- und Versuchsanstalt für Industrie, Bauwesen und Gewerbe Bericht, Zürich.
Elec. Engng., Chicago—Electrical Engineering, Chicago.
Elec. Engng., Lond.—Electrical Engineering, London.
Elektrichestvo—Elektrichestvo.
Energia elett.—L'Energia Elettrica, Milano.
Engineer, Lond.—The Engineer, London.
Engineering—Engineering, London.
Engng. Bull. Purdue Univ. Res. Ser.—Engineering Bulletin Purdue University, Research Series, Lafayette, Ind.
Engng. J., Montreal—The Engineering Journal, Montreal
Engng. Rep. nat. Tsing Hua Univ.—Engineering Reports of the National Tsing Hua University.
Engng. Rev., Prague—Engineering Review, Praha.
Engng. School Bull. N. Carolina St. Coll.—Engineering School Bulletin, North Carolina State College.
Engng. Struct., N. Y. Acad. Press, 1949 (spec. Suppl. Res.)—Engineering Structures, New York Academic Press, 1949 (Colston Papers based on Symposium Promoted by Colston Research Society, Special Supplement to *Research*).
ETH—Eidgenössiche Technische Hochschule, also L'École Polytechnique Fédérale, Zürich.
Euclides, Groningen—Euclides, Groningen.
Explosifs—Explosifs, Bruxelles.

F

Fac. Ing. Montevideo, Pub. Inst. Mat. Estadís.—Facultad de Ingeniería Montevideo, Publicaciones del Instituto de Matemática y Estadística.
Federhofer-Girkmann-Festschrift—Anniversary Volume.
Feinwerktech.—Feinwerktechnik.
Filoz. Fak. Univ. Skopje—Filozofskiot Fakultet na Univerzitot vo Skopje.
Flugwehr und Technik—Flugwehr und Technik.
Flygtekn. Försöksanst. Medd.—Flygtekniska Försöksanstalten Meddelanden, Stockholm.
For. Prod. Lab. Rep., U. S. Dept. Agric.—Forest Product Laboratory Reports, U. S. Department of Agriculture, Madison, Wisconsin.
For. Prod. Res. Soc.—Forest Products Research Society.
Forsch. Geb. Ing.-Wes.—Forschungsarbeiten auf dem Gebiet des Ingenieurwesens, Berlin.

G

G. Gen. civ.—Giornale del Genio Civile.
Gen. Elec. KAPL—General Electric Company, Knolls Atomic Power Laboratory.
Génie civ.—Le Génie Civil.
Geophys. Mag., Tokyo—Geophysical Magazine, Tokyo.
Geoph. Res. Pap. AF Res. Lab. Cambridge—Geophysics Research Papers, Air Force Research Laboratory, Cambridge, Mass.
Géotechnique, Lond.—Géotechnique, London.
Glas. Mat.-Fiz. Astr.—Glasnik Matematičko-Fizički i Astronomiski, Zagreb.
Glas Srpske Adad. Nauka—Glas Srpske Akademije Nauka, Belgrade.
Glasers Ann.—Glasers Annalen, Berlin.
Godishnik. Univ. Sofia—Godishnik, University of Sofia.
Grad. Div. app. Math., Brown Univ.—Graduate Division of Applied Mathematics, Brown University, Providence, R. I.
Grad. Div. app. Math., Brown Univ. Transl.—Translations of the Graduate Division of Applied Mathematics, Brown University, Providence, R. I.

H

Harvard Univ. Publ. grad. Sch. Engng.—Harvard University Publications from the Graduate School of Engineering, Cambridge.
Hdqtrs. Air Mat. Comm., Dayton tech. Rep.—see *AF tech. Rep.*
Hdqtrs. Air Mat. Comm., Dayton, Transl.—see *AF tech. Rep. Transl.*
Heat Transf. Fluid Mech. Inst.—Heat Transfer Fluid Mechanics Institute.
Helv. phys. Acta—Helvetica Physica Acta. Basel.
Helv. physiol. Acta—Helvetica Physiologica et Pharmocologia Acta, Basel.
Highway Research Board—see *Nat. Res. Counc. Highway Res. Bd.*
Houille blanche—La Houille Blanche, Grenoble.
Hung. Acta math.—see *Acta math. Acad. Sci. Hung.*
Hung. tech. Abstr.—Hungarian Technical Abstracts.

I

Ill. Univ. Engng. Exp. Sta. Bull.—see *Univ. Ill. Engng. Exp. Sta. Bull.*
Indagationes Math.—Indagationes Mathematicae, Amsterdam.
Indian J. Phys.—Indian Journal of Physics, Calcutta.
Indust. céram.—L'Industrie Céramique, Neuilly-sur-Seine.
Indust. Engng. Chem.—Industrial and Engineering Chemistry, Washington, D. C.
Indust. Ital. Cem.—Industria Italiana del Cemento.
Inform. Construc.—Informes de la Construccion, Madrid.
Ing.-Arch.—Ingenieur-Archiv, Berlin.
Ingenieur—De Ingenieur, The Hague.
Ingenieur, Indonesie—De Ingenieur in Indonesie.
Ingenieur, 's Grav.—see *Ingenieur.*
IngenVetenskAkad. Tidsk. Tekn. Forsk.—Ingeniörsvetenskapsakademien Tidskrift för Teknisk-Vetenskaplig Forskning, Stockholm.
IngenVidensk. Skr.—Ingeniørvidenskabelige Skrifter, Copenhagen.
Inst. mar. Engrs. Trans.—see *Trans. Inst. mar. Engrs.*
Inst. Pesq. Tecnol. São Paulo Publ.—Publications of the Instituto de Pesquisas Tecnológicas, São Paulo.
Inst. tech. Bâtim. Trav. publ.—see *Ann. Inst. tech. Bât. Trav. publics.*
Inst. tech. Constr. Cem. Publ.—Publications of the Institute for Technical Construction and Cement.
Instn. Brobyggnad Medd.—Institutionen för Brobyggnad (Kungl. Tekniska Högskolan) Stockholm.
Instn. Byggnadsst. Medd.—Institutionen för Byggnadsstatik, Meddelanden (Kungl. Tekniska Högskolan) Stockholm.
Instn. mech. Engrs. appl. Mech. (W.E.P.)—Institution of Mechanical Engineers and Applied Mechanics (War Emergency Proceedings).
Instn. mech. Engrs. Auto. Div.—Institution of Mechanical Engineers, Automotive Division.
Instn. mech. Engrs. Proc.—Institution of Mechanical Engineers, London, Proceedings.
Instrum. Measur. Conf., Stockholm, Trans.—Transactions of the Instrument Measurement Conference, Stockholm.
Instruments—Instruments, Pittsburgh, Pa.
Inter. Assn. Bridge struct. Engng. Publ.—see *Publ. Inter. Assn. Bridge struct. Engng.*
Inter. Assn. hyd. Struct. Res.—International Association for Hydraulic Structural Research, Grenoble.
Inter. Holzmarkt—Internazionaler Holzmarkt.
Inter. Union theor. appl. Mech. Inter. astron. Union—International Union of Theoretical and Applied Mechanics, International Astronomical Union, CADO, Dayton, Ohio.
Inzhener. Sbornik, Akad. Nauk SSSR—Inzhenerniĭ Sbornik Akademii Nauk SSSR.
Inzyn. Budown.—Inzynieria i Budownictwo, Warszawa.
Iowa Engng. Exp. Sta. Bull.—Iowa Engineering Experiment Station Bulletin, Ames, Iowa.
Iowa St. Coll. Bull. Engng. Rep.—Iowa State College Bulletin, Engineering Report.
Iowa St. Coll. J. Sci.—Iowa State College Journal of Science, Ames, Iowa.
Iron Steel Engr.—Iron and Steel Engineer, Pittsburgh, Pa.
Ist. Veneto Sci. Lett. Arti—see *Atti Ist. Veneto Sci.*
Izv. Akad. Nauk SSSR Otd. tekh. Nauk—Izvestiya Akademii Nauk SSSR, Otdelenie Tekhnicheskikh Nauk.
Izv. Akad. Nauk SSSR Ser. Fiz.—Izvestiya Akademii Nauk SSSR, Seriya Fizicheskaya.
Izv. Akad. Nauk SSSR Ser. Geofiz.—Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya.
Izv. Akad. Nauk. SSSR Ser. Geograf.—Izvestiya Akademii Nauk SSSR, Seriya Geograficheskaya.

J

J. acoust. Soc. Amer.—The Journal of the Acoustical Society of America.
J. aero. Sci.—Journal of the Aeronautical Sciences.
J. aero. Soc. India—Journal of the Aeronautical Society of India.
J. aero. Soc. Japan—Journal of the Aeronautical Society of Japan.
J. Amer. ceram. Soc.—The Journal of the American Ceramic Society.
J. Amer. Concr. Inst.—The Journal of the American Concrete Institute.
J. Amer. Rocket Soc.—Journal of the American Rocket Society, New York.
J. Amer. Soc. nav. Engrs.—Journal of the American Society of Naval Engineers.
J. appl. Mech.—Journal of Applied Mechanics, New York.
J. appl. Phys.—Journal of Applied Physics, New York.
J. Boston Soc. civ. Engrs.—Journal of the Boston Society of Civil Engineers.
J. chem. Phys.—Journal of Chemical Physics, New York.
J. Colloid Sci.—Journal of Colloid Science, New York.
J. Dairy Sci.—Journal of Dairy Science, American Dairy Science Association.
J. Franklin Inst.—Journal of The Franklin Institute, Philadelphia.
J. geophys. Res.—Journal of Geophysical Research, Baltimore.
J. Helicop. Assn.—Journal of the Helicopter Association of Great Britain.
J. Inst. Metals—The Journal of the Institute of Metals, London.
J. Inst. Petrol.—Journal of the Institute of Petroleum.
J. Instn. civ. Engrs.—Journal of the Institution of Civil Engineers, London.
J. Instn. Engrs., Austral.—Journal of the Institution of Engineers, Sydney.
J. Instn. Engrs., India—Journal of the Institution of Engineers, India.
J. Iron Steel Inst. Lond.—Journal of the Iron and Steel Institute, London.
J. Japan Soc. appl. Mech.—Journal of the Japan Society of Applied Mechanics, Tokyo.
J. Japan Soc. civ. Engng.—Journal of the Japanese Society of Civil Engineering.
J. Japan Soc. mech. Engrs.—Journal of the Japan Society of Mechanical Engineers, Tokyo.
J. Lond. math. Soc.—Journal of the London Mathematical Society.
J. mar. Res.—Journal of Marine Research, New Haven, Conn.
J. Math. Phys.—Journal of Mathematics and Physics, Cambridge, Mass.
J. Math. pures appl.—Journal de Mathématiques pures et Appliquées, Paris.
J. mech. Lab., Tokyo—Journal of the Mechanical Laboratory, Tokyo.
J. Metals—Journal of Metals, New York.
J. Meteor.—Journal of Meteorology, Boston, Mass.
J. meteor. Soc. of Japan—Journal of the Meteorological Society of Japan.
J. opt. Soc. Amer.—Journal of the Optical Society of America.
J. Petr. Technol.—Journal of Petroleum Technology, New York.
J. phys. Soc. Japan—Journal of the Physical Society of Japan, Tokyo.
J. Polymer Sci.—Journal of Polymer Science, New York.
J. rational mech. Analysis—Journal of Rational and Mechanical Analysis, Indiana University.
J. Res. nat. Bur. Stands.—Journal of Research, National Bureau of Standards, Washington, D. C.
J. roy. aero. Soc.—Journal of the Royal Aeronautical Society, London.
J. roy. astr. Soc. Canad.—Journal of the Royal Astronomical Society of Canada, Ontario.
J. sci. indust. Res., India—Journal of Scientific and Industrial Research, India.

J. sci. Instrum.—Journal of Scientific Instruments and of Physics in Industry, London.
J. sci. Res. Inst. Tokyo—Journal of the Scientific Research Institute, Tokyo.
J. Soc. appl. Mech. Japan—see *J. Japan Soc appl. Mech.*
J. Soc. civ. Engrs., Japan—Journal of the Society of Civil Engineers, Japan.
J. Soc. Plast. Engrs.—Journal of the Society of Plastic Engineers.
J. Text. Inst., Proc.—Journal of the Textile Institute, Proceedings, Manchester, England.
J. Text. Inst. Trans.—Journal of the Textile Institute, Transactions, Manchester, England.
J. Wash. Acad. Sci.—Journal of the Washington Academy of Sciences, Washington, D. C.
Jap. Sci. Rev. (I)—Japan Science Review, Series I.

K

K. danske Vidensk. Selsk. Mat. Fys. Medd.—Kongelige Danske Videnskabernes Selskab Matematisk-Fysiske Meddelelser, Copenhagen.
K. norske Vidensk. Selsk. Förh.—Det Kongelige Norske Videnskabernes Selskabs Förhandlingor, Trondheim.
K. norske Vidensk. Selsk. Skr.—Det Kongelige Norske Videnskabers Selskabs Skrifter, Trondheim.
Kolloid Z.—Kolloid Zeitschrift, Frankfurt-am-Main.
Kungl. tekn. Högskol. Handl.—Kungliga Tekniska Högskolans Handlingar, Stockholm.
Kyushu Univ. Res. Inst. Elast. Engng. Rep.—Kyushu University Research Institute for Elasticity, Engineering Reports, Fukuoka.

L

L'Aerotecnica—see *Aerotecnica.*
L'École Polytechnique Fédérale—see *ETH.*

M

Mag. Concr. Res.—Magazine of Concrete Research, London.
Mat. sbornik—Matematicheskiĭ Sbornik.
Math. Ann.—Mathematische Annalen, Berlin.
Math. Centrum. Rep.—Mathematisch Centrum Reports, Amsterdam.
Math. Gaz.—The Mathematical Gazette, London.
Math. Nachr.—Mathematische Nachrichten, Berlin.
Mech. Engng., N. Y.—Mechanical Engineering, New York.
Medd. SkeppsProvAnst. Göteborg—Meddelanden fran Statens Skeppsprovningsanstalt.
Mém. Artill. fr.—Mémorial de l'Artillerie Française.
Mem. Fac. Engng. Kyushu Univ.—Memoirs of the Faculty of Engineering, Kyushu University, Fukuoka.
Mem. Fac. Engng. Univ. Nagoya—Memoirs of the Faculty of Engineering, University of Nagoya.
Mem. Fac. Sci. Engng. Waseda Univ. Tokyo—Memoirs of the Faculty of Science and Engineering, Waseda University.
Mém. Soc. Ing. civ. Fr.—Mémoires de la Société des Ingénieurs Civils de France.
Mém. Soc. Ing. civ. Fr. Centenaire—Mémoires de la Société des Ingénieurs Civils de France, Centenaire.
Mém. Sci. math.—Mémorial des Sciences Mathématiques.
Metalen—Metalen, The Hague.
Metall—Metall, Berlin.
Metallforsch.—see *Z. Mettalk.*
Metallurg. Constr. mécan.—La Metallurgie et la Construction Mécanique.
Metallurgia ital.—La Metallurgia Italiana.
Metallurgia, Manchr.—Metallurgia, Manchester, England.
Metal Treatm.—Metal Treatment and Drop Forging, London.
Metals Technol.—Metals Technology (superseded by *Journal of Metals*).
Metalurg. y Elect.—Metalurgia y Electricidad, Madrid, Spain.
Meteor. Rdsch.—Meteorologische Rundschau, Berlin.
Minist. Obras Públ., Lab. Engen. civ. Lisboa Pub.—Publications of the Ministerio das Obras Públicas, Laboratorio de Engenharia Civil.
Mitt. Inst. Aerodyn., ETH, Zürich—Mitteilungen aus dem Institut für Aerodynamik, Eidgenössische Technische Hochschule.
Mitt. Inst. Baustat., ETH, Zürich—Mitteilungen aus dem Institut für Baustatik, Eidgenössische Technische Hochschule.
Mitt. Inst. Thermodyn. Verbrennungsmotor., ETH Zürich—Mitteilungen aus dem Institut für Thermodynamik und Verbrennungsmotorenbau, Eidgenössische Technische Hochschule.
Mitt. Max-Planck-Inst. Strömungsforschung—Mitteilungen aus dem Max Planck Institut für Strömungsforschung, Göttingen.
Mitt. Wöhler Inst.—Mitteilungen des Wöhler-Instituts, Braunschweig.
Mod. Plastics—Modern Plastics, New York.
Monogr. sci. Aero.—Monographie Scientifiche di Aeronautica, Roma.
Motortech. Z.—Motortechnische Zeitschrift, Stuttgart.
Müeg. Közl.—see *Publ. tech. Univ. Budapest (Müeg. Közl.)*

N

NACA TM—National Advisory Committee for Aeronautics Technical Memorandum.
NACA TN—National Advisory Committee for Aeronautics Technical Note.
NACA Rep.—National Advisory Committee for Aeronautics Report.
Nat. aero. Establ. Canad. AR—National Aeronautical Establishment, Canada, Aeronautical Report (formerly National Research Council, Canada, Aeronautical Report).
Nat. aero. Establ. Canad. LR—National Aeronautical Establishment, Canada, Laboratory Report (formerly National Research Council, Canada).
Nat. aero. Establ. Canad., Note—National Aeronautical Establishment, Canada, Note (formerly National Research Council Canada).
Nat. Build. Studies, Dept. sci. industr. Res. Lond., tech. Rep.—National Building Studies, Department of Scientific and Industrial Research, London, Technical Report.
Nat. Bur. Stands. Circ.—National Bureau of Standards Circulars, Washington, D. C.
Nat. Bur. Stands. misc. Publ.—National Bureau of Standards Miscellaneous Publications, Washington, D. C.
Nat. LuchtLab. Amsterdam Rap.—Nationaal Luchtvaartlaboratorium Rapport, Amsterdam.
Nat. Res. Counc. Canad. mech. Engng.—National Research Council, Canada, Division of Mechanical Engineering, Ottawa.
Nat. Res. Counc. Highway Res. Bd. Abstr.—Abstracts of the National Research Council Highway Research Board, Washington, D. C.
Nat. Res. Counc. Highway Res. Bd. Proc.—Proceedings of the National Research Council Highway Research Board, Washington, D. C.
Nat. Res. Counc. Highway Res. Bd. Res. Rep.—Research Reports of the National Research Council Highway Research Board.
Nature—Nature, London.
Naturwissenschaften—Die Naturwissenschaften, Berlin.
Nav. Ord. Lab. Rep.—Naval Ordnance Laboratory Report, Washington, D. C.
N. E. Cst. Instn. Engrs. Ship. Trans.—Transactions of the North East Coast Institution of Engineers and Shipbuilders, Newcastle-on-Tyne, England.
Ned. Akad. Wetensch. Proc.—see *Proc. K. Ned. Akad. Wetensch.*
Ned. Tijdschr. Natuurkunde—Nederlandsch Tijdeschrift voor Natuurkunde, The Hague.
NEPA—Fairchild Engine and Airplane Corporation, Nuclear Energy Power for Aircraft. Heat Transfer Lectures.
Norske Vid. Selsk Förh. Trondheim—see *K. norske Vidensk. Selsk. Förh.*
Nucl. Energy Power Aircr. Heat Transf., Lect II—see *NEPA.*
Nuovo Cim.—Il Nuovo Cimento, Bologna.

O

Oceanogr. Mag.—Oceanographical Magazine, Tokyo.
ONERA NT—Office National d'Études et de Recherches Aéronautiques Note Technique, Paris.
ONERA Publ.—Publication of the Office National d'Études et de Recherches Aéronautiques, Paris.
Ossature métall.—L'Ossature Métallique, Bruxelles.
Öst. Akad. Wiss. math.-nat. Kl. Anz.—Österreichisches Akademie der Wissenschaften Mathematisch-Naturwissenschaftliche Klasse Anzeiger.
Öst. Akad. Wiss. math.-nat. Kl. S.B. IIa.—Österreichisches Akademie der Wissenschaften Mathematisch - Naturwissenschaftliche Klasse, Sitzungsberichte, Abteilung IIa.
Öst. Ing.-Arch.—Österreichisches Ingenieur-Archiv, Wien.

P

Pap. Meteor. Geophys.—Papers on Meteorology and Geophysics, Meteorological Research Institute, Tokyo.
Pap. phys. Oceanogr. Meteor.—Papers in Physical Oceanography and Meteorology, Woods Hole, Mass.
Phil. Mag.—The Philosophical Magazine, London.
Philips Res. Rep.—Philips Research Reports, New York.
Philips tech. Rev.—Philips Technical Review, New York.
Phil. Trans. roy. Soc. Lond. (A)—Philosophical Transactions of the Royal Society of London, Series A.
Phys. Rev.—The Physical Review, New York.
Physica—Physica, the Hague.

Planen u Bauen.—Planen u Bauen, Berlin.
Plastica—Plastica, Delft.
Polyt. Inst. Brooklyn, Rep.—Polytechnical Institute of Brooklyn, Aeronautical Laboratories Report.
Prikl. Mat. Mekh.—Prikladnaya Matematika i Mekhanika.
Proc. Amer. Acad. Arts Sci.—Proceedings of the American Academy of Arts and Sciences.
Proc. Amer. Soc. civ. Engrs.—Proceedings of the American Society of Civil Engineers.
Proc. ASTM—Proceedings of the American Society for Testing Materials.
Proc. Camb. phil. Soc.—Proceedings of the Cambridge Philosophical Society, London.
Proc. First Conf. Coast. Engng.—Proceedings of the First Conference on Coastal Engineering, University of California.
Proc. Highway Res. Bd. Ann. Meet.—Proceedings of the Highway Research Board, Annual Meeting.
Proc. Indian Acad. Sci. (A)—Proceedings of the Indian Academy of Sciences, Section A, Bangalore.
Proc. Instn. civ. Engrs.—Proceedings of the Institution of Civil Engineers, London.
Proc. Instn. mech. Engrs.—see *Instn. mech. Engrs. Proc.*
Proc. int. Conf. Soil Mech. Found. Engng.—Proceedings of the International Conference on Soil Mechanics and Foundation Engineering, Harvard University, Cambridge, Mass.
Proc. int. rheolog. Congr. Holland—Proceedings of the International Rheological Congress in Holland.
Proc. k. Ned. Akad. Wet.—Proceedings Koninklijke Nederlandsche Akademie van Wetenschappen, Amsterdam.
Proc. Lond. math. Soc.—Proceedings of the London Mathematical Society, London.
Proc. nat. Acad. Sci. Wash.—Proceedings of the National Academy of Sciences of the United States of America.
Proc. nat. Conf. indust. Hyd.—Proceedings of the National Conference on Industrial Hydraulics, Armour Research Foundation, Chicago.
Proc. nat. Inst. Sci. India—Proceedings of the National Institute of Sciences of India, Calcutta.
Proc. of Soc. for Exp. Stress Anal.—see *Proc. Soc. exp. Stress Anal.*
Proc. phys. Soc. Lond.—Proceedings of the Physical Society of London.
Proc. roy. Irish Acad. (A)—Proceedings of the Royal Irish Academy, Section A (Mathematics, Astronomy, Physical Sciences), Dublin.
Proc. roy. Soc. Edinburgh—Proceedings of the Royal Society of Edinburgh.
Proc. roy. Soc. Lond. (A)—Proceedings of the Royal Society, Series A, Mathematical and Physical Sciences, London.
Proc. roy. Swed. Acad. Engng. Sci.—Proceedings of the Royal Swedish Academy of Engineering Sciences, Stockholm.
Proc. seventh int. Congr. appl. Mech.—Proceedings of the Seventh International Congress of Applied Mechanics.
Proc. Soc. exp. Stress Anal.—Proceedings of the Society for Experimental Stress Analysis, Cambridge, Mass.
Proc. Symp. appl. Math.—Proceedings of the Symposium on Applied Mathematics.
Proc. 3rd Anglo-Amer. aero. Conf.—Proceedings of the Third Anglo-American Aeronautical Conference, Royal Aeronautical Society, London.
Prod. Engng.—Product Engineering, New York.
Przegl. mech.—Przeglad Mechaniczny, Warszawa.
Przegl. tech.—Przeglad Techniczny, Warszawa.
Publ. Dom. Observ.—Publications of the Dominion Observatory, Ottawa.
Publ. int. Assn. Bridge struct. Engng.—Publications of the International Association for Bridge and Structural Engineering, Zürich.
Publ. Labor. Photoelast. EPF Zürich.—Publication du Laboratoirie de Photoelasticité École Polytechnique Fédérale, Zürich.
Publ. math. Inst. math. Acad. Serbe. Sci.—Publications Mathématiques de l'Institut Mathématique de l'Académie Serbe des Sciences.
Publ. sci. tech. Min. Air. France.—Publications Scientifiques et Techniques du Ministère de l'Air, Paris.
Publ. tech. Univ. Budapest (Müeg. Közl.)—Publications of the Hungarian Technical University (Müegyetemi Közlemenyek), Budapest.
Public Rds.—Public Roads, Washington, D. C.

Q

Quart. appl. Math.—Quarterly of Applied Mathematics, Brown University, Providence, R. I.
Quart. J. Math.—Quarterly Journal of Mathematics, Oxford Series, London.
Quart. J. Mech. appl. Math.—Quarterly Journal of Mechanics and Applied Mathematics, London.
Quart. J. roy. meteor. Soc.—Quarterly Journal of the Royal Meteorological Society, London.

R

R. C. Accad. Lincei—see *Atti Accad. Naz. Lincei R. C. Sci. Fis. Mat. Nat. Rome.*
R. C. Accad. Sci. Fis. Mat. Soc. naz. Sci. Lett. Arti Napoli—Rendiconti dell'Accademia delle Scienze Fisiche e Matematiche, Napoli.
R. C. Mat. Appl.—Rendiconti di Matematica e delle sue Applicazioni, Università di Roma.
R. C. Semin. Fac. Sci. Univ. Cagliari—Rendiconti del Seminario della Facoltà di Scienze dell' Università di Cagliari, Italy.
R. C. Semin. mat. fis. Milano—Rendiconti del Seminario Matematico e Fisico di Milano.
R. C. Semin. mat. Univ. Padova—Rendiconti del Seminario Matematico dell' Università di Padova.
Rech. aéro.—La Recherche Aéronautique, Paris.
Refrig. Engng.—Refrigerating Engineering, New York.
Rep. Inst. high Speed Mech., Tohôku Univ.—Reports of the Institute of High Speed Mechanics, Tohôku University.
Rep. Inst. Sci. Technol. Tokyo—Reports of the Institute of Science and Technology, Tokyo.
Rep. Memo. aero. Res. Counc. Lond.—see *Aero. Res. Counc. Lond. Rep. Memo.*
Rep. Res. Inst. Fluid Engng., Kyushu Univ.—Reports of the Research Institute of Fluid Engineering, Kyushu University, Fukuoka.
Research, Lond.—Research, London.
Results mar. meteor. oceanogr. Observations—Results of Marine, Meteorological and Oceanographic Observations, Central Meteorological Observatory, Tokyo.
Rev. Cienc. apli.—Revista de Ciencia Aplicada, Madrid.
Rev. Fac. Cienc. exact. fis. nat. Univ. Cordoba—Revista de la Facultad de Ciencias Exactas, Fisicas y Naturales, Universidad Nacional, Buenos Aires.
Rev. gén. Élec.—Revue Générale de l'Électricité.
Rev. gén. Hyd.—Revue Générale de l'Hydraulique.
Rev. Mat. Hisp.-Amer.—Revista Matemática Hispano-Americana.
Rev. Matér. Constr.—Revue des Matériaux de Construction et de Travaux Publics, Neuilly-sur-Seine.
Rev. Métall.—Revue de Métallurgie.
Rev. mod. Phys.—Reviews of Modern Physics, New York.
Rev. Opt. (théor. instrum.)—Revue d'Optique (Théorique et Instrumentale).
Rev. Ordem Engrs.—Revista de Ordem dos Engenheiros, Lisbon.
Rev. sci. Instrum.—Review of Scientific Instruments, New York.
Rev. Soudure—Revue de la Soudure, Bruxelles.
Rev. trim. Canad.—Revue Trimestrielle Canadienne, Montreal.
Rev. univ. Min.—Revue Universelle des Mines, de la Métallurgie des Travaux Publics, Liége.
Rev. Univ. nac. Tucumán (A)—Revista de la Universidad Nacional de Tucumán, Series A.
Ric. sci.—La Ricerca Scientifica, Roma.
Riv. aero.—Rivista Aeronautica, Roma.
Riv. maritt. Suppl. tecn.—Rivista Marittima Supplemento Tecnico.
Riv. Mat. Univ. Parma—Rivista di Matematica dell' Università di Parma.
Riv. milit.—Rivista Militare, Roma.
Roy. Swed. Air Board Rep.—Reports of the Royal Swedish Air Board.

S

SAE J.—Journal of the Society of Automotive Engineers.
SAE Quart. Trans.—Quarterly Transactions of the Society of Automotive Engineers.
S. B. math.-nat. Kl. bay. Akad. Wiss.—Sitzungsberichte der mathematisch-naturwissenschaftlichen Klasse der Bayerischen Akademie der Wissenshaften zu München.
Sborn. Masaryk. Akad. Práce—Sbornik Masarykovy Akademie Práce.
Schip en Werf—Schip en Werf, Rotterdam.
Schweissen Schneiden—Schweissen und Schneiden.
Schweiz. Arch.—Schweizer Archiv für Angewandte Wissenschaft und Technik, Zürich.
Schweiz. Bauztg.—Schweizerische Bauzeitung, Zürich.
Schweiz. Verb. MatPrüf. Tech. Ber.—Schweizer Verband für die Materialprüfungen der Technik. Bericht, Zürich.
Sci. Rec., Peking—Science Record, Peking.
Sci. Rec., Shanghai—Science Record, Shanghai.
Sci. Rep. nat. Tsing Hua Univ.—see *Eng. Rep. nat. Tsing Hua Univ.*
Sci. Rep. Res. Inst. Tohôku Univ. Japan (A)—Science Reports of the Research Institutes, Series A, Tohôku University.
Shipbuilder—Shipbuilder and Marine Engine-Builder, Newcastle-on-Tyne, England.

Soc. nav. Arch. mar. Engr.—see *Trans. Soc. nav. Arch. mar. Engr.*
Stahl u. Eisen—Stahl und Eisen, Düsseldorf.
Stahlbau—Stahlbau, Berlin.
Soc. auto. Engrs. J.—see *SAE J.*
Soc. exp. Stress Anal.—see *Proc. Soc. exp. Stress Anal.*
Stanford Res. tech. Rep.—Stanford University Research Technical Report, Department of Mechanical Engineering, Stanford, Calif.
Strojírenství—Strojírenství, Praha.
Stud. math. Phys., Tokyo—Studies in Mathematical Physics, Tokyo.
Sulzer tech. Rev.—Sulzer Technical Review, Switzerland.
Sven. Forskningsinst. Cement Betong Medd.—Svenska Forskningsinstitutet för Cement och Betong Meddelande vid Kungl. Tekniska Högskolan i Stockholm.
Sven. TräforskInst. Medd.—Svenska Träforskningsinstitutet Trätekniska Avdelningen Meddelande, Stockholm.
Swedish Cem. Concr. Res. Inst. Bull.—see *Sven. Forskningsinst. Cement Betong Medd.*
Sym. Appl. Autocorr. Anal. Phys. Probl.—Symposium on the Applications of Autocorrelation and Analysis to Physical Problems, Office of Naval Research, Department of the Navy, Washington, D. C.

T

Tech. Chronika, Athens—Technika Chronika, Athens.
Tech. Data Digest—see *CADO tech. Data Digest.*
Tech. Messen Einzeldarst.—see *Arch. tech. Messen.*
Tech. mod.—Technique Moderne, Paris.
Tech. mod. Constr.—La Technique Moderne Construction, Paris.
Tech. Wet. Tijdschr.—Technisch-Wetenschappelijk Tijdschrift, Antwerp.
Techn. Lotn.—Technika Lotnicza, Warszawa.
Technik—Die Technik, Berlin.
Técn. Metalúrg.—Técnica Metalúrgica.
Tecn. y Econom.—Tecnica y Economia, Bahía Blanca.
Tekn. Tidskr.—Teknisk Tidskrift, Stockholm.
Tellus—Tellus, Stockholm.
Termotecnica—La Termotecnica, Milano.
Terres et Eaux—Terres et Eaux, Algérie.
Texas Engng. Exp. Sta. Bull.—Bulletin of the Texas Engineering Experiment Station.
Texas Engng. Exp. Sta. Res. Rep.—Texas Engineering Experiment Station Research Reports.
Text. Res. J.—Textile Research Journal, New York.
Thermik—Thermik; Monatsschrift für den Internationalen Segelflugsport, Göttingen.
Trans. Amer. geophys. Un.—Transactions of the American Geophysical Union.
Trans. Amer. Inst. min. metall. Engrs.—Transactions of the American Institute of Mining and Metallurgical Engineers.
Trans. Amer. math. Soc.—Transactions of the American Mathematical Society.
Trans. ASME—Transactions of The American Society of Mechanical Engineers.
Trans. Amer. Soc. civ. Engrs.—Transactions of the American Society of Civil Engineers.
Trans. Amer. Soc. Metals—Transactions of the American Society for Metals.
Trans. Chalmers Univ. Technol.—Transactions of Chalmers University of Technology, Göteborg.
Trans. Dan. Acad. tech. Sci.—Transactions of the Danish Academy of Technical Sciences, Copenhagen.
Trans. Faraday Soc.—Transactions of the Faraday Society, London.
Trans. Inst. mar. Engrs.—Transactions of the Institute of Marine Engineers, London.
Trans. Instn. Engrs. Shipb. Scot.—Transactions of the Institution of Engineers and Shipbuilders of Scotland, Glasgow.
Trans. Instn. nav. Arch. Lond.—Transactions of the Institution of Naval Architects, London.
Trans. Japan. Soc. civ. Engng.—Transactions of the Japanese Society of Civil Engineering.
Trans. Japan Soc. mech. Engrs.—Transactions of the Japan Society of Mechanical Engineers, Tokyo.
Trans. N. E. Cst. Instn. Engrs. Shipb.—see *N. E. Cst. Instn. Engrs. Shipb. Trans.*
Trans. roy. Inst. Technol. Stockholm.—Transactions of the Royal Institute of Technology, Stockholm.
Trans. roy. Soc. Canad. (III).—Transactions of the Royal Society of Canada, Section III, Chemical, Mathematical and Physical Sciences, Ottawa.
Trans. roy. Soc. Canad. (IV).—Transactions of the Royal Society of Canada, Section IV, Geological Sciences including Mineralogy, Ottawa.
Trans. roy. Soc. Lond. Ser. A.—see *Phil. Trans. roy. Soc. Lond (A).*
Trans. Soc. nav. Arch. mar. Engrs.—Transactions of the Society of Naval Architects and Marine Engineers.
Trend. Engng. Univ. Wash.—Trends in Engineering at the University of Washington, Seattle, Wash.

U

Uchen. Zap. mosk. Univ.—Uchenye Zapiski Moskovskogo Gosudarstvennogo Universiteta.
Ukrain. mat. Zh.—Ukrainskiĭ Matematicheskiĭ Zhurnal.
Univ. Calif. Dept. Engng. tech. Rep.—University of California Department of Engineering Technical Report.
Univ. Ill. Engng. Exp. Sta. Bull.—University of Illinois Engineering Experiment Station Bulletin.
Univ. Iowa Stud. Engng. Bull.—University of Iowa Studies in Engineering, Bulletin, Iowa City, Iowa.
Univ. nac. La Plata Publ. Fac. Ci. Fisicomat.—Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemàticas, Argentina.
Univ. Politecn. Torino R. C. Sem. Mat.—Università e Politecnica di Torino, Rendiconti del Seminario Matematico (formerly *. . . . Sem. Mat. Fis.*)
Univ. Roma, Ist. naz. Alta Mat. R. C. Mat. Applic.—Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni.
Univ. Texas Circ.—University of Texas Circulars.
Univ. Texas Publ.—Publications of the University of Texas.
Univ. Utah Engng. Exp. Sta.—University of Utah Engineering Experiment Station.
Univ. Wash. Engng. Exp. Sta. Bull.—University of Washington Engineering Experiment Station Bulletin, Seattle.
U. S. Dept. Agric. Soil Conserv. Serv. tech. Bull.—United States Department of Agriculture Soil Conservation Service Technical Bulletin.
U. S. nav. Ord. Test Sta., Inyokern, Rep.—United States Naval Ordnance Test Station Reports, Inyokern, Cal.
U. S. nav. Ord. Test Sta., Inyokern, tech. Memo.—United States Naval Ordnance Test Station Technical Memorandum, Inyokern, Calif.
Usp. fiz. Nauk—Uspekhi Fizicheskikh Nauk.
Usp. matem. Nauk (N.S.)—Uspekhi Matematicheskikh Nauk, Novaya Seriya.

V

VDI-Forschungsheft—Vereines Deutscher Ingenieure Forchungsheft, Berlin.
Vierteljahrsschr. naturforsch. Ges. Zürich—Vierteljahrsschrift der naturforschenden Gesellschaft in Zürich.
Virginia J. Sci.—Virginia Journal of Science.
Virginia Polyt. Inst. Engng. Exp. Sta. Bull.—Virginia Polytechnic Institute, Engineering Experiment Station Bulletin.
von Roll Mitteilungen—von Roll Mitteilungen, Switzerland.
Voordr. Koninк. Inst. Ing (Oosthoek, Utrecht)—Voordrachten Gehouden voor het Koninklijk Instituut van Ingenieurs (Published by Oosthoek, Utrecht).

W

Weld. Res. Suppl.—Welding Research Council of the Engineering Foundation, Supplement, New York.
Welding Res. Supplement.—see *Weld. Res. Suppl.*
Wwys. Exp. Sta. Bull.—Bulletin of the Waterways Experiment Station of the U. S. Army, Corps of Engineers, Vicksburg, Miss.
Wwys. Exp. Sta. tech. Memo.—Waterways Experiment Station Technical Memorandum, U. S. Army, Corps of Engineers, Vicksburg.
Wwys. Exp. Sta. Transl.—Translations of the Waterways Experiment Station, U. S. Army, Corps of Engineers, Vicksburg.

Z

ZAMM—Zeitschrift für Angewandte Mathematik und Mechanik, Berlin.
ZAMP—Zeitschrift für Angewandte Mathematik und Physik, Basel.
ZVDI—Zeitschrift des Vereines Deutcher Ingenieure, Düsseldorf.
Z. Metallk.—Zeitschrift für Metallkunde, Stuttgart (formerly *Mettalforschung*).
Z. Meteor.—Zeitschrift für Meteorologie, Berlin.
Z. Naturforsch.—Zeitschrift für Naturforschung, Wiesbaden.
Z. Phys.—Zeitschrift für Physik, Berlin.
Zavod. Lab.—Zavodskaya Laboratoriya.
Zbirnik Prac' Inst. Mat., Akad. Nauk URSR—Zbirnik Prac' Institutu Matematiki, Akademiya Nauk Ukrains'koi RSR.
Zh. eksp. teor. Fiz.—Zhurnal Eksperimental'noĭ i Teoreticheskoĭ Fiziki.
Zh. tekh. Fiz.—Zhurnal tekhnicheskoĭ fiziki.